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OM nucleic - nucleic search, using SW module

Run on: January 14, 2003, 11:42:22 : search time 1.17494 seconds
 (without alignments) 6786 385 Million null operations/sec

Title: US-09-910-428-1
 Perfect score: 26
 Sequence: 1 gqctctaaatcttcttqgttaccaq 26

Scoring table: INFINITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters. 88274

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_NA_*

1: 'gan, K. and A. M. S. S. A. in MR seq' *
 2: 'seq26, Period 2, DNA, COM, seq' *
 3: 'seq26, Period 2, DNA, COM, seq' *
 4: 'gan, K. and A. M. S. S. A. in MR seq' *
 5: 'seq26, Period 2, DNA, COM, seq' *
 6: 'seq26, Period 2, DNA, COM, seq' *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	DB ID	Description
C 1	18.2	70.0	1608	Sequence 8, Appl 1
C 2	18.2	70.0	1942	Sequence 1, Appl
C 3	18.2	70.0	1942	Sequence 1, Appl
C 4	18.2	70.0	1942	Sequence 1, Appl
C 5	18.2	70.0	1942	Sequence 1, Appl
C 6	18.2	70.0	1942	Sequence 1, Appl
C 7	18.2	70.0	1942	Sequence 1, Appl
C 8	18.2	70.0	1942	Sequence 1, Appl
C 9	17.2	55.2	14187	Sequence 1, Appl
C 10	17	65.4	342	Sequence 1, Appl
C 11	16.6	63.8	1473	Sequence 1, Appl
C 12	16.6	63.8	2893	Sequence 1, Appl
C 13	16.6	63.8	2923	Sequence 1, Appl
C 14	16.6	63.8	2923	Sequence 1, Appl
C 15	16.6	63.8	2923	Sequence 1, Appl
C 16	16.6	63.8	2923	Sequence 1, Appl
C 17	16.6	63.8	3848	Sequence 1, Appl
C 18	16.4	63.1	1539	Sequence 1, Appl
C 19	16.2	62.3	1354	Sequence 1, Appl
C 20	16.2	62.3	1147	Sequence 1, Appl
C 21	16.2	62.3	1223	Sequence 1, Appl
C 22	16.2	62.3	1769	Sequence 1, Appl
C 23	16.2	62.3	1971	Sequence 1, Appl
C 24	16.2	62.3	4069	Sequence 1, Appl
C 25	16.2	62.3	4069	Sequence 1, Appl
C 26	16.2	62.3	4069	Sequence 1, Appl
C 27	16.2	62.3	7186	Sequence 1, Appl

ALIGNMENTS

RESULT 1
 US-09-171-969-B/C
 Sequence 8, Application US/09171969
 Patent No. 6,2845,38

GENERAL INFORMATION:

APPLICANT: Thomas, Lawrence J.
 TITLE OF INVENTION: PLASMID-BASED VACCINE FOR TREATING ATHEROSCLEROSIS
 NUMBER OF SPECIMENS: 10
 CORRESPONDENCE ADDRESS:
 ADDRESS: Banner & Witcoff, Ltd.
 STREET: 75, New Street, Suite 2300
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02106-1807

COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/171-969
 FILING DATE: 01 May 1997 (01.05.97)
 CLASSIFICATION: 514
 PRIORITY APPLICATION NUMBER: 08/640,713
 APPLICATION NUMBER: 08/640,713
 FILING DATE: 01 May 1996 (01.05.96)
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/640,713
 FILING DATE: 21 February 1997 (21.02.97)
 ATTORNEY/AGENT INFORMATION:
 NAME: Leon R. Yankwich
 REGISTRATION NUMBER: 30,237
 REFERENCE DOCKET NUMBER: TCS 411.1 T-37 (05872)

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1608 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: linear
 MOLECULE TYPE:
 POLYNUCLEOTIC
 POLYNUCLEOTIC
 ANTI-SENSE:
 FRATURE:
 NAME/KEY: illustrational stop codon
 LOCATION: 1608 - 1608

US-09-171-969-B

Query Match: 75.0%, Score 18.2, Da 4, Length: 1608;
 best local similarity 87.0%, Pred. No. 11, Da 4, Length: 1608;

RESULTS 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1 GTCGTCACTTCTTGTGATG 23
 DB 1560 GTCGTCACTTCTTGTGATG 1538

RESULT 2
 US 08 447 413 1/2
 Sequence 1, Application US/08447413
 PATENT NO. 5,601,827
 GENERAL INFORMATION:
 APPLICANT: R. John Collier
 APPLICANT: Kevin P. Kilcoen
 APPLICANT: John J. Mekalanos
 TITLE OF INVENTION: Diphtheria Toxin Vaccines
 NUMBER OF SEQUENCES: 1
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: Wordperfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/227,196
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/227,196
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Janis K. Fraser
 REGISTRATION NUMBER: 34,819
 REFERENCE/CLIENT NUMBER: 00246,714-001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US 08 552,248 1

Query Match 70.0% Score 182 PH 2, Length 1942;
 Best Local Similarity 87.0%, Pred. No. 12; Mismatches 3; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 1 GTCGTCACTTCTTGTGATG 23
 DB 1871 GTCGTCACTTCTTGTGATG 1849

RESULT 4
 US/08 257 781 1/2
 Sequence 1, Application US/08257781
 PATENT NO. 5,917,017
 GENERAL INFORMATION:
 APPLICANT: Collier, R. John
 APPLICANT: Collier, R. John
 APPLICANT: Eisenberg, David
 APPLICANT: Choi, Sungyoon
 TITLE OF INVENTION: diphtheria Toxin Vaccines
 TITLE OF INVENTION: Bovine A Mutated R Domain
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: MS-DOS (Version 5.0)
 SOFTWARE: Wordperfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/257,781
 FILING DATE:

CLASSIFICATION: 424
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29, 065
 REFERENCE/DOCKET NUMBER: 004246/174001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-8905
 TELEFAX: (617) 542-8905
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

US-08-257-781-1

Query Match 70.0%; Score 18.2; DB 3; Length: 1942;
 Best Local Similarity 87.0%; Pred. No. 12; Mismatches 0; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTCTAATCTTCTGGTAC 23
 Db 1871 GTGATCTACTGTTCTGGTAC 1849

RESUL1T 5

US-08-766-354A-5,"

Sequence 5, Application US/08766354A

Patent No. 6013487

GENERAL INFORMATION:
 APPLICANT: MITCHELL, LLOYD G.
 TITLE OF INVENTION: THERAPEUTIC MOLECULES GENERATED BY
 NUMBER OF SEQUENCES: 33
 NUMBER OF INVENTIONS: 1

CORRESPONDENCE ADDRESS:
 ADDRESSEE: NIKAITO, MARCHESTEIN, MURRAY, AND ORAM
 STREET: 655 15TH STREET, N.W., G STREET LOBBY, SUITE
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005-5701

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08766354A
 FILING DATE: 13-DEC-1996
 CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
 NAME: KLESNER, SHARON
 REGISTRATION NUMBER: 36, 135
 REFERENCE/DOCKET NUMBER: P8159-6006
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 638-5000
 TELEFAX: (202) 638-4810

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1942 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-766-354A-5

Query Match 70.0%; Score 18.2; DB 3; Length 1942;
 Best Local Similarity 87.0%; Pred. No. 12; Mismatches 3; Indels 0; Gaps 0;

RESUL1T 6

US-09-250-131-1/C

Sequence 1, Application US/09250131

Patent No. 6455673

GENERAL INFORMATION:
 APPLICANT: Collier, R. John
 TITLE OF INVENTION: MULTI-MUTANT DIPHTHERIA TOXIN VACCINES
 FILE REFERENCE: 00246/231001
 CURRENT APPLICATION NUMBER: US/09/250, 131
 CURRENT FILING DATE: 1999-02-16
 PRIORITY APPLICATION NUMBER: US 08/257, 781

PRIOR FILING DATE: 1994-06-08
 NUMBER OF SEQ ID NOS: 14

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 1

LENGTH: 1942

TYPE: DNA

ORGANISM: Corynebacteria diphtheriae

FEATURE:
 NAME/KEY: CDS
 LOCATION: (312)...(1916)

US-09-250-131-1

Query Match 70.0%; Score 18.2; DB 4; Length: 1942;
 Best Local Similarity 87.0%; Pred. No. 12; Mismatches 0; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTCTAATCTTCTGGTAC 23
 Db 1871 GTGATCTACTGTTCTGGTAC 1849

RESUL1T 7

PCT-US93-04606-1/C

Sequence 1, Application PCT/US9304606

GENERAL INFORMATION:
 APPLICANT: R. John Collier
 APPLICANT: Kevin P. Killeen
 APPLICANT: John J. Metallanos

TITLE OF INVENTION: Diphtheria Toxin Vaccines

NUMBER OF SEQUENCES: 1

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 COMPUTER: 3.5" Diskette, 1.44 Mb
 OPERATING SYSTEM: IBM PS/2 Model 502 or 55SX
 SOFTWARE: Wordperfect (Version 5.0)

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/04606
 FILING DATE: 19930517
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: Janis K. Fraser
 REGISTRATION NUMBER: 34, 819
 REFERENCE/DOCKET NUMBER: 00246/137001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070

RESULT: 9
 TELEFAX: (617) 542-8906
 INFORMATION FOR SEQ ID NO: 1:
 /SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 /TYPE: NUCLEIC ACID
 /STRANDEDNESS: double
 /TOPOLGY: linear
 PCT US94-04606 1

Query Match: 70.0%; Score: 18.2; DB: 5; Length: 1942;
 Best Local Similarity: 87.0%; Pred. No.: 12; Mismatches: 3; Indels: 0; Gaps: 0;
 Matches: 20; Conservative: 0; Mismatches: 3; Indels: 0; Gaps: 0;
 QY 1 GTCGCTTAATTTTCTCTGAC 24
 DB 1871 GTCGCTTAATTTTCTCTGAC 1849

RESULT: 8
 PCT US95-06857-1/c
 Sequence 1: Application PCT/US9506857
 /GENERAL INFORMATION:
 /APPLICANT: Collier, R. John
 /APPLICANT: Shen, Wei Hai
 /APPLICANT: Eisnerberg, David
 /APPLICANT: Choi, Sung-hun
 /TITLE OF INVENTION: Diphtheria Toxin Vaccine
 /TITLE OF INVENTION: Bacteri A Mated R Domain:
 /NUMBER OF SEQIDS: 28
 /CORRESPONDENCE ADDRESS:
 /ADDRESS: Fish & Richardson
 /STREET: 225 Franklin Street
 /CITY: Boston
 /STATE: Massachusetts
 /COUNTRY: U.S.A.
 /ZIP: 02110-2804
 /COMPUTER READABLE FORM:
 /METHOD TYPE: 3.5" Diskette, 1.44 MB
 /COMPUTER: IBM PC/2 Model 500, 530X
 /OPERATING SYSTEM: MS DOS (Version 5.0)
 /SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPENDIX NUMBER: PCT/US9506857
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 /APPLICATION NUMBER:
 /FILING DATE:
 /NAME: Freedman, John W.
 /REGISTRATION NUMBER: 29,046
 /REFERENCE/DOCKET NUMBER: 960296, 92017
 /TELECOMMUNICATION INFORMATION:
 /TELEPHONE: (608) 251-5000
 /TELEFAX: (608) 251-9166
 /TELEFAX: (617) 542-5070
 /TELEFAX: (617) 542-8906
 /TELEX: 200154
 INFORMATION FOR SEQ ID NO: 1:
 /SEQUENCE CHARACTERISTICS:
 LENGTH: 1942
 /TYPE: nucleic acid
 /STRANDEDNESS: double
 /TOPOLGY: linear
 PCT US95-06857-1

Query Match: 70.0%; Score: 18.2; DB: 5; Length: 1942;
 Best Local Similarity: 87.0%; Pred. No.: 12; Mismatches: 3; Indels: 0; Gaps: 0;
 Matches: 20; Conservative: 0; Mismatches: 3; Indels: 0; Gaps: 0;
 QY 1 GTCGCTTAATTTTCTCTGAC 24
 DB 1871 GTCGCTTAATTTTCTCTGAC 1849

RESULT: 10
 US-08-378934-35/c
 Sequence 35: Application US/08378934
 /GENERAL INFORMATION:
 /APPLICANT: GROWE, JAMES SCOTT
 /APPLICANT: ALFREZ, ALAN PETER
 /TITLE OF INVENTION: PRODUCTION OF ANTIBODIES
 /NUMBER OF SEQUENCES: 46
 /CORRESPONDENCE ADDRESS:
 /ADDRESS: FORTINELL, FIGG, ERNST & KURZ
 /STREET: 555 THIRTEENTH ST. N.W.
 /CITY: WASHINGTON
 /STATE: D. C.

21P: 20004
 COMPUTER READABLE FORM.
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/378,939
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/952640
 FILING DATE: 01 DEC 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: ERNST, BARBARA G.
 REGISTRATION NUMBER: 30,377
 REFERENCE/DOCKET NUMBER: 1808-118
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 783-6040
 TELEFAX: (202) 783-6031
 INFORMATION FOR SEQ ID NO: 35:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 342 base pairs
 NAME/KIN: CDS
 LOCATION: 1..342
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KIN: CDS
 LOCATION: 1..342
 US-08-378-939-35
 RESULT 11
 US-09-134-001C 2404/c
 Sequence 2404 Application US/09-134-001C
 Patent No. 6380370
 GENERAL INFORMATION:
 APPLICANT: LYTE, DECOCETTE, STAMM, ET AL.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO S-TRIHYDROXYBUTYRIC ACID
 FILE REFERENCE: GTC-007
 CURRENT APPLICATION NUMBER: US/09/134,001C
 CURRENT FILING DATE: 1998-08-13
 PRIOR APPLICATION NUMBER: US 60/064,964
 PRIOR FILING DATE: 1997-11-08
 PRIOR APPLICATION NUMBER: US 60/055,779
 PRIOR FILING DATE: 1997-08-14
 NUMBER OF SEQ ID NOS: 5674
 LENGTH: 1470
 TYPE: DNA
 ORGANISM: *Staphylococcus epidermidis*
 US-09-134-001C-2404
 Query Match 63.8%; Score 166; DB 4; Length 1470;
 Best Local Similarity 82.6%; Pct. No. 62; Mismatches 4; Indels 0; Gaps 0;
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 2 TGCCTTAATTTCTGGTACCA 24
 DB 1146 TGCCTACTGTCTGGTATCA 1168
 RESULT 11
 US-08-377-292-6
 Sequence 6 Application US/08377292
 Patent No. 5493615
 GENERAL INFORMATION:
 APPLICANT: STONE, ROGER L.
 TITLE OF INVENTION: THERAPEUTIC FORMULAS FOR OSTEOINDUCTION
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: The Procter & Gamble Company
 STREET: 11810 East Miami River Road
 CITY: Cincinnati
 STATE: Ohio
 COUNTRY: U.S.A.
 ZIP: 45239-8707
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

RESULT 12

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Reverse #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/377,272
 FILING DATE: 24 JAN 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/114,116
 FILING DATE:
 APPLICATION NUMBER: US 08/117,367
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Constantine, Ibrahim J.
 REGISTRATION NUMBER: 34,804
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 514-741-3012
 TELEFAX: 514-745-2858
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: Linear
 MOLECULE TYPE: cDNA
 US 08/377,292-6
 US 07/989,847-7
 Sequence 7, Application US/07989847
 Patent No. 5,866,644
 GENERAL INFORMATION:
 APPLICANT: Israel, David
 APPLICANT: Wolman, Neil M.
 TITLE OF INVENTION: Recombinant Bone Morphogenic Protein
 NUMBER OF SEQUENCES: 30
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 ZIP: 02140-2387
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Tape
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/114,116
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Kaptinos, Ellen J.
 REGISTRATION NUMBER: 32,245
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-876-5851
 TELEFAX: 617-876-8622
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ORGANISM: Homo sapiens
 TISSUE TYPE: Human placenta
 IMMEDIATE SOURCE: cDNA library
 LIBRARY: cDNA library
 CLONE: BMPC35
 POSITION IN GENOME:
 UNITS: bp
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 160..1701
 FEATURE:
 NAME/KEY: mat_peptide
 LOCATION: 1282..1698
 FEATURE:
 NAME/KEY: mRNA
 LOCATION: 1..2923
 US 07/989,847-7
 QUERY Match 63,8%; Score 16,6; DB 1; Length 2923;
 Best Local Similarity 82,6%; Pred. No. 6,9; Mismatches 4; Indices 0; Gaps 0;
 QY 2 TGTCTATCTTCTCTGTA 24
 DB 2 TGTCTATCTTCTCTGTA 2470
 US 08/169,411-7
 Sequence 7, Application US/08469411
 Patent No. 6,190880
 GENERAL INFORMATION:
 APPLICANT: Israel, David
 APPLICANT: Wolman, Neil M.
 TITLE OF INVENTION: Recombinant Bone Morphogenic Protein
 NUMBER OF SEQUENCES: 40
 CORRESPONDENCE ADDRESS:
 ADDRESS: Legal Affairs, Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140-2387
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Tape
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/114,116
 FILING DATE: 06-Jun-1995
 CLASSIFICATION: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Kaptinos, Ellen J.
 REGISTRATION NUMBER: 32,245
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-876-5851
 TELEFAX: 617-876-8622
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2923 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO

TOPOLOGY: circular
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 TISSUE TYPE: Human placenta
 IMMEDIATE SOURCE: cDNA library
 LIBRARY: cDNA library
 CLONE: BMPC35
 POSITION IN GENOME:
 UNITS: bp
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 160..1701
 FEATURE:
 NAME/KEY: mat_peptide
 LOCATION: 1282..1698
 FEATURE:
 NAME/KEY: mRNA
 LOCATION: 1..2923

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE/TYPE: Human placenta
IMMEDIATE SOURCE:
LIBRARY: Stratagene catalog #936203 Human placenta
CLONE: BME6C35
POSITION IN GENOME:
UNITS: bp
FEATURE:
NAME/KEY: CDS
LOCATION: 160..1701
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1282..1698
FEATURE:
NAME/KEY: mRNA
LOCATION: 1..2923
SEQUENCE DESCRIPTION: SEQ ID NO: 7;
US-08-469-411-7

Query Match: 63.8%; Score 166; DB 4; Length 2923;
Best local Similarity 82.6%; Pred. No. 69;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2 TGCTCTAACTTCTGTTACCA 24
DB 2348 TGCTCTAACTTCTGTTACCA 2370

Search completed: January 14, 2003, 11:55:02
Job time : 5.17494 secs

